

StepWatch4 RE Metrics Description

steps per day (steps)	total number of steps taken on the leg with the StepWatch
minutes active	minutes of the day with at least one step
percent time in inactive (%)	percent of 24 hour day with no walking
percent time in low activity (%)	percent of 24 hour day walking at a low activity cadence (default is 1 – 15 steps / minute)
percent time in medium activity (%)	percent of 24 hour day walking at a medium activity cadence (default is 16 – 40 steps / minute)
percent time in high activity (%)	percent of 24 hour day walking at a high activity cadence (default is 41 or greater steps / minute)
stride velocity (m/min)	peak velocity based on the minute with the most steps
cadence average (steps/min)	average cadence based on all minutes with at least 1 step
cadence median (steps/min)	median cadence based on all minutes with at least 1 step
stride length (m)	measured in clinic
max 60 (steps/min)	average cadence of the most intensive continuous 60 minutes of the day
max 20 (steps/min)	average cadence of the most intensive continuous 20 minutes of the day
max 5 (steps/min)	average cadence of the most intensive continuous 5 minutes of the day
max 1 (steps/min)	highest cadence achieved in the day
peak performance index (steps/min)	average cadence of the most intensive 30 individual minutes in the day
percent battery (%)	percent battery associated with last data upload
raw steps timestamp (date and time)	when a step occurred with 1-second resolution
raw steps interval	seconds that passed between each step (255 means no steps, 0 means more than one step with same timestamp)
binned steps timestamp	One minute timestamp for the 24 hour day
binned steps	total steps taken during the minute
raw accelerations	3-axis acceleration at 200Hz